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(54) **ANTITUMOR AGENT**

(57) Abstract:

PURPOSE: An antitumor agent, containing a live vaccine of a virus belonging to the genus Paramyxovirus as an active constituent, and capable of exhibiting the antitumor effect on mammals.

CONSTITUTION: An antitumor agent containing a live vaccine of a virus belonging to the genus Paramyxovirus, e.g. parainfluenza 1, 2 or 3 or mumps virus, as

a principal constituent. The mumps virus is particularly preferred. The live vaccine of the virus is obtained by the subculture and attenuation of the virus in a grown hen's egg, yolk sac or amniotic cavity, and the attenuated viral live vaccine is if desired subjected to the purification, germ-free filtration, etc. and in general orally, preferably parenterally, administered. In experiments on ddy mice, BDF₁ mice, etc., the viral live vaccine is observed to have the antitumor effect on the Ehrlich's cancer and leukemia L1210 cancer.

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